



COMPUTER INFORMATION SYSTEMS A.A.S.

The following plan is for students matriculating in or before the academic year **2023-2024**

This suggested sequencing plan is provided as a courtesy. The official degree requirements sheet is used to determine eligibility for graduation. For official degree requirements visit <https://osuokc.edu/academics/degrees>

The sequence below is designed for completion within two years; not following the sequence may delay degree completion.

Some courses are not offered every semester, as noted on the plan below.

YEAR 1			FALL (15 hours)
CIS 1503	Microcomputer Applications		<i>Prerequisites: [R]</i>
ITD 2193	Technical Support Communications		<i>Prerequisites: [R] [W]</i>
ENGL 113	English Composition I		<i>Prerequisites: [R] [W]</i>
HIST 1483	U.S. History to 1865		<i>Prerequisites: [R] [W]</i>
or HIST 1493	U.S. History Since 1865		<i>Prerequisites: [R] [W]</i>
3 hours	CIS Elective		<i>Prerequisite: Varies</i>

			SPRING (15 hours)
CIS 1123	Programming Fundamentals		<i>Prerequisite: [R]</i>
CIS 2513	Principles of Information Systems Security	SP ONLY	<i>Prerequisite: [R]</i>
POLS 1113	American Government		<i>Prerequisites: [R] [W]</i>
ENGL 1213	English Composition II		<i>Prerequisite: ENGL 1113</i>
or ENGL 2333	Introduction to Technical Report Writing		<i>Prerequisite: ENGL 1113</i>
or SPCH 1113	Introduction to Speech Communications		<i>Prerequisites: [R] [W]</i>
or SPCH 2723	Interpersonal Communications		<i>Prerequisites: [R] [W]</i>
3 hours	CIS Elective		<i>Prerequisite: Varies</i>

YEAR 2			FALL (15 hours)
CIS 2023	C# Programming	FA ONLY	<i>Prerequisite: CIS 1123</i>
CIS 2363	Database Design	FA ONLY	<i>Prerequisite: CIS 1123 or CIS 1503</i>
3 hours	CIS Elective		<i>Prerequisite: Varies</i>
3 hours	ITD or CIS Elective		<i>Prerequisite: Varies</i>
3 hours	of Math (A) – (MATH 1413 or higher or STAT 1103 suggested)		<i>Prerequisite: Varies</i>

			SPRING (15 hours)
CIS 2703	Systems Analysis and Design	SP ONLY	<i>Prerequisite: CIS 2013 or CIS 2023</i>
CIS 2803	Capstone		<i>Prerequisite: Department Head Approval</i>
3 hours	ITD or CIS Elective		<i>Prerequisite: Varies</i>
3 hours	ITD or CIS Elective		<i>Prerequisite: Varies</i>
3 hours	General Education designated course		<i>Prerequisite: Varies</i>
Submit graduation application with enrollment.			

Total Hours: 60

Approved Electives

CIS 1433 Game Development	CIS 2263 Spreadsheet Applications
CIS 1453 Character Development	CIS 2323 Java Programming
CIS 2013 C++ Programming	CIS 2433 Advanced C# Programming
CIS 2033 Python Programming	CIS 2463 Database Applications
CIS 2103 Level Design Concepts	CIS 2613 CIS Project Management
CIS 2713 Systems Development and Implementation	ITD 2173: COMPUTER FORENSICS & INCIDENT RESPONSE
ITD 1103 INFORMATION TECHNOLOGY FUNDAMENTALS	ITD 2193 TECHNICAL SUPPORT COMMUNICATIONS
ITD 1113 MICROSOFT WINDOWS EXPERT USER	ITD 2213 NETWORKING I
ITD 1523 SUPPORTING AND TROUBLESHOOTING PERSONAL COMPUTERS	ITD 2313 NETWORKING II
ITD 1533 LAN FUNDAMENTALS	ITD 2333 NETWORKING III
ITD 1543 INTRODUCTION TO COMPUTER FORENSICS	ITD 2433 LINUX
ITD 1613 AWS ACADEMY CLOUD FOUNDATIONS	ITD 2513 AWS ACADEMY CLOUD COMPUTING ARCHITECTURE
ITD 2143 DIGITAL INVESTIGATIONS AND REPORTING	ITD 2623 ADVANCED LAN FUNDAMENTALS
ITD 2163: CYBER EHTICS AND LAW	ITD 2723 NETWORK SECURITY
	ITD 2801 CERTIFICATION PRACTICUM

ADDITIONAL GRADUATION REQUIREMENTS

- 2.0 Graduation/Retention GPA
- 15 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

LEGEND

- [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement
 FA = Fall SP = Spring SU = Summer